

Title (en)  
GAS TURBINE ENGINE AND TURBINE CONFIGURATIONS

Title (de)  
GASTURBINENMOTOR UND TURBINENKONFIGURATIONEN

Title (fr)  
MOTEUR À TURBINE À GAZ ET CONFIGURATIONS DE TURBINE

Publication  
**EP 3059396 A1 20160824 (EN)**

Application  
**EP 16156375 A 20160218**

Priority  
US 201514626371 A 20150219

Abstract (en)  
The present disclosure relates to gas turbine engines, and in particular high pressure turbine vane assemblies (110) and combustor/turbine interface configurations. In one embodiment, a vane assembly includes a plurality of turbine vanes (111), an inner diameter platform (112), wherein the leading edge (116) of the inner diameter platform is associated with a first axis (125), and an outer diameter platform (113), wherein the leading edge (114) of the outer diameter platform is associated with a second axis (120). The second axis may be offset from the first axis such that the outer platform extends away from the leading edge (115) of turbine vanes greater than the inner platform extends away from the leading edges. Another embodiment is directed to a gas turbine engine include a combustor (105) and a turbine vane assembly, wherein an inner diameter platform and outer diameter platform of the vane assembly interface with the combustor.

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Citation (search report)  
• [XII] US 2009169369 A1 20090702 - MORGAN CLIVE ANDREW [US], et al  
• [XII] EP 0615055 A1 19940914 - ROLLS ROYCE PLC [GB]  
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